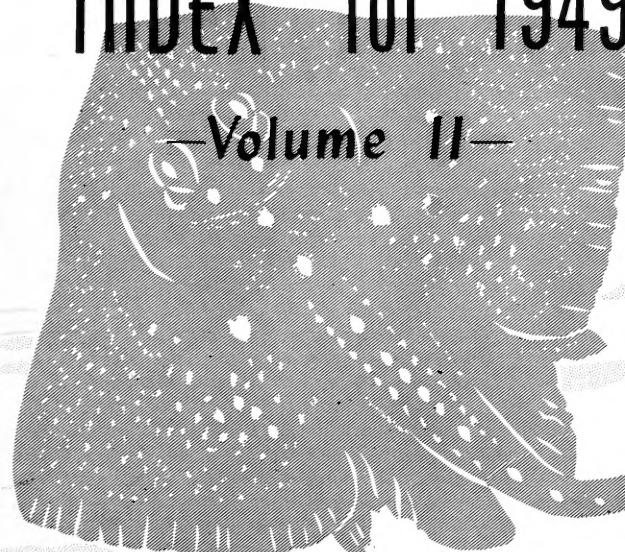


# COMMERCIAL FISHERIES REVIEW

## INDEX for 1949

Volume II—



FISH and WILDLIFE SERVICE  
United States Department of the Interior  
Washington, D.C.



# COMMERCIAL FISHERIES REVIEW

A review of developments and news of the fishery industries  
prepared in the BRANCH OF COMMERCIAL FISHERIES

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Mailed free to members of the fishery and allied industries. Address correspondence and requests to the: Director, Fish and Wildlife Service, U. S. Department of the Interior, Washington 25, D. C.

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This is an index of Volume 11, Numbers 1 through 12, issued in 1949.

Copies of all issues for 1949 have been exhausted. Therefore, it will not be possible to fill requests for any 1949 issue of the Review. Separates of some of the feature articles are available. If there is a specific article in which you are interested, write us and we will let you know if a separate is available.



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Items originating or referring to a foreign country are subindexed under the specific country and are found under the general category of FOREIGN FISHERY TRADE. No attempt has been made to cross-index items referring to a foreign country by subject.

Items referring to a Federal agency are subindexed under the specific Federal agency and are found under the general category of FEDERAL LEGISLATION, ETC.

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- canned fish, restrictions for U. S. and Canadian imports; Apr. 62.
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- Grimsby research laboratory to study fish spoilage; Aug. 48.

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- MEAL  
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NORTH ATLANTIC FISHERIES INVESTIGATIONS  
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Part III - development of the fishery and the  
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NORTHWEST ATLANTIC FISHERIES CONVENTION  
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E value ratios for grayfish, soupfin shark, sable-  
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E value ratios for some commercial vitamin A oils;  
Mar. 19.

Marine animal oils:

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Vitamin A and D potencies of the liver oil of  
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on methods of extracting; Feb. 18.

OOSTEN, VAN, DR., to devote time to research;  
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28, Sept. 17, Nov. 26, Dec. 26.

Fishery products outlook in 1949; Jan. 26.

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PACIFIC (see SECTIONAL REVIEWS)

PACIFIC HALIBUT FISHERY regulations for 1949;  
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International halibut treaty, proposed amend-  
ment of; Dec. 30.

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Otter-trawl fishery; Dec. 29.

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Port privileges to fishing vessels in Alaska and  
British Columbia; Dec. 30.

Shark, soupfin, fishery; Dec. 29.

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Hawaiian-Line Islands reconnaissance; Mar. 35.  
"Henry O' Malley," M/V arrived at Honolulu;  
Dec. 31.

"Hugh M. Smith," M/V to begin operations in  
December; Dec. 31.

Japanese bait net tested; Nov. 29.

Kona Coast, trip to; Oct. 31.

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19.

Purse-seine vessel contract awarded; Sept. 19.

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Research vessel, reconditioning of; Mar. 35.

Tuna:

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Hawaiian-Line Islands tuna survey; Sept. 19.

Hawaiian \_\_\_ fishery; Oct. 31, Nov. 29.

Japanese literature collection on tuna; Aug. 23.

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U. S. fishery team completes study of

Japanese fisheries; Oct. 32.

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"YP-646," M/V, reconditioning and conversion  
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Marine pearl shell buttons, U. S. production of,  
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PICKING CUPS, Use in the packing of canned  
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Haddock nursery ground located; Oct. 26.

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Consumption and \_\_\_\_; Jan. 26.  
Fishery products production at Boston Fish Pier, 1948 (landings, prices and trends); Dec. 5.  
Retail \_\_\_\_; Sept. 18.  
Sealskin prices decline at fall fur action; Nov. 39.  
Wholesale and retail prices; Jan. 29, Feb. 30, Mar. 39, Apr. 34, May 33, June 34, July 31, Aug. 28, Sept. 22, Oct. 38, Nov. 39, Dec. 33.

PROTEIN, Nutritive value, a method for evaluation of the; Jan. 21.

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PYREX TEST

Culture tubes and \_\_\_\_ as solution cells with Pfaltz and Bauer Photoelectric Fluorophotometer, use of; Aug. 8.

QUARTERMASTER CORPS (see FEDERAL LEGISLATION; FEDERAL PURCHASES)

RAILROAD freight rates and charges for fishery products increased; Sept. 46.

RAILWAY EXPRESS AGENCY

Ice charges increase for fish; Feb. 30, Mar. 29, Nov. 69.

RAPPAHANNOCK

Crabs, blue, tagged in \_\_\_\_; Oct. 26.

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Express rates, single national scale for; Jan. 51.  
Railroad freight rates and charges for fishery products increased; Sept. 46.

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Chicago receipts of fishery products, 1948; July 9.  
Seattle receipts of fishery products, 1948; June 10.

RECIPES

Clam chowder, New England; Mar. 22.  
Crab meat salad; July 18.  
Fillets, oven-fried; Jan. 20.  
Flounder birds; Aug. 13.  
Halibut steaks, stuffed; June 19.  
Lake trout, baked; May 19.  
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Rosefish fillets, fried; Nov. 67.  
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REDUCTION

California sardine quota for reduction purposes changed; Sept. 15.  
California sardines for reduction purposes, use limited; Aug. 23.

REFREEZING

Sea trout fillets, effect on quality of; Jan. 14.

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Beaufort shellfish laboratory projects; Dec. 19.  
Boston, Mass.; Jan. 17, Feb. 24, Mar. 21, Apr. 16, May 16, June 18, July 17, Aug. 14.  
Clams, artificial propagation, research on; Apr. 30.  
College Park, Md.; Jan. 18, Feb. 14, Mar. 21, Apr. 16, May 16, June 18, July 17, Aug. 14, Sept. 13, Oct. 21.  
E value ratios for grayfish, soupfin shark, sablefish and halibut liver oils produced in the Pacific Northwest; Sept. 11.  
E value ratios for some commercial vitamin A oil; Mar. 19.  
Fisheries technological research program; 1949-50; Nov. 15.  
Hawaiian laboratory, work to begin soon on; Sept. 20.  
Ketchikan, Alaska; Jan. 19, Feb. 23, Mar. 21, Apr. 16, July 17, Aug. 14, Sept. 13, Oct. 21.  
Nutrition; Nov. 14.  
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Research in service laboratories; Dec. 13.  
Sanitation and bacteriology of fish; Nov. 19.  
Seattle, Wash.; Jan. 19, Feb. 23, Mar. 21, Apr. 16, May 17, June 18, July 17, Aug. 15, Sept. 14, Oct. 22.

RESOURCES

Scientific conference on conservation and utilization of \_\_\_\_; Apr. 30, Nov. 34.

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Fish roe and caviar, 1948, U. S. pack of canned; Aug. 25.

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Atlantic salmon in the \_\_\_\_, re-establishing; May 21.

ST. PIERRE-MIQUELON (see FOREIGN FISHERIES)

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Program for 1949-50; Nov. 33.

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#### SCRAP

Imports into U. S. of fish meal and \_\_\_, January-June 1949; Oct. 34.

Marine-animal scrap and meal, U. S. production of, 1948; Sept. 21.

SEA LAMPREY (see SPECIES)

#### SEAL, FUR

Pribilof Island take, 1949; Oct. 33.

Sealskin prices decline at fall fur auction; Nov. 39. U. S. sealskins sold at auction; May 31.

Vitamin A in liver of the Alaska fur seal; Apr. 9.

SEATTLE (see SECTIONAL REVIEWS)

#### SECTIONAL REVIEWS

Alabama oyster harvesting halted; June 28.

Alaska (also see FISH AND WILDLIFE SERVICE); commercial fisheries regulations; Mar. 69, May 62.

experimental fishing in Alaska waters by the Service; July 20.

fisheries of the U. S. and Alaska, 1948; Mar. 36. fishery regulations, codification of; Feb. 67.

herring catch quotas; May 63. port privileges to fishing vessels in Alaska and British Columbia; Dec. 30.

salmon and herring fishery regulations, amendments to; June 59.

salmon fishery; June 32.

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Atlantic Coast:

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part II - observations on the biology and the methods of collecting and processing the mussel; Oct. 8.

part III - development of the fishery and the possible need for conservation measures; Nov. 3.

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sea herring, U. S. pack in 1948; July 28.

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Bering Sea:

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Boston:

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Browns Bank:

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California:

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sardine:

pack in 1948; July 26.

quota for reduction purposes changed; Sept. 15. reduction to fish meal limited; May 29, Aug. 23. spawning area discovered off Central \_\_\_; Nov. 25.

vessel for marine research, new; Dec. 17.

Central America tuna fishing trip, preliminary report; Aug. 20.

Chesapeake Bay:

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Chicago:

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Columbia River salmon fishery; June 32.

Connecticut:

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Delaware:

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Florida:

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disease off Florida, Service studying; Nov. 25, Dec. 21.

Tarpon Springs production, 1948; Oct. 33.

West Coast:

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Georges Bank:

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Great Lakes:

Lake Michigan lake trout scarred by lampreys; Aug. 19.

Michigan's fisheries production, 1948; Oct. 30.

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Gulf of Mexico:

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Marine Fisheries Commission organized; Oct. 27.

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Indiana:

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Louisiana:

Mississippi oyster areas survey; Feb. 27.

Maine:

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Maryland:  
 canned fish production declines in 1948; Feb. 28.

Massachusetts:  
 Boston trawlers, sale to U. S. Army; May 25.  
 fisheries trends, April 1949; May 25.  
 fishery products production at Boston Fish Pier, 1948 (landings, prices, and trends); Dec. 5.  
 rosefish fishing at night; May 25.

## Michigan Great Lakes fisheries production, 1948; Oct. 30.

## Mississippi:

Louisiana and \_\_\_\_ oyster areas survey; Feb. 27.

## New Hampshire:

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## New Jersey:

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## New York:

New York City:  
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 fisheries notes, 1948; Mar. 34.  
 starfish in Long Island Sound, Service to combat; Dec. 21.

## North Carolina:

Atlantic States Marine Fisheries Commission joined by \_\_\_\_; Oct. 30.  
 Beaufort fishery biology laboratory reactivated; Oct. 27.  
 Fisheries Research Institute program; Aug. 21.  
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## Oregon:

bottom-fish industry production declines; Mar. 39.  
 Columbia River salmon fishery; June 32.  
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## Pacific:

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 fishing operations in the Trust Territory of the Pacific Islands; Mar. 71.  
 halibut fishery regulations for 1949; May 26.  
 halibut season closed; July 23.  
 sardine fishery survey, two-year; Apr. 29.  
 seiner-packers, new, launched; Oct. 42.  
 soupfin shark tagging program; May 30.  
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## Seattle:

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## Texas:

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## Utah:

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## Virginia:

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fishery; June 32.

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## Washington:

Alaska salmon fishery; June 33.

canned tuna and tuna-like fishes, U. S. pack in 1948; June 30.

Columbia River salmon fishery; June 32.

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Seattle receipts of fishery products, 1948; June 10.

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## SOLUTION CELLS

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## SONIC EQUIPMENT

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## SOUTH PACIFIC FISHERY INVESTIGATIONS

Albacore sighted by "Black Douglas," M/V; Oct. 27.

Stations occupied; July 23.

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## SPAIN (see FOREIGN FISHERIES)

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- Alewives:  
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Virginia fishery; June 31.
- Anchoovies:  
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reduction in California limited to canning operations; May 29.
- Bottom Fish, Washington and Oregon production declines; Mar. 39.
- Clams:  
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hard clam investigation; May 19.  
larvae of the soft and skimmer clams and Olympia oysters grown by biologists; June 22.  
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- Netherlands requests clams from U. S. for propagation; July 43.  
production increases; Apr. 25.  
research on artificial propagation; Apr. 30.  
research program, progress on; May 20.  
research progress on East Coast; Sept. 28.  
surf clam fishery; Apr. 33.
- Cod:  
liver oil, vitamin A and D potencies of Pacific cod; May 13.  
salted cod--world study of production and marketing; Oct. 59.
- Crabs:  
blue:  
canned crab meat U. S. pack in 1948; Oct. 36.  
Chesapeake Bay over-production in 1948; Mar. 31.  
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mollusk destruction by crabs, observations on; Dec. 20.
- Eel Grass returns to New Jersey; Apr. 28.
- Fur Seal (see SEALS, FUR)
- Grayfish:  
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- Groundfish:  
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- Haddock:  
Georges and Browns banks \_\_\_\_\_ tagged; Avg. 18.  
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- Halibut:  
E value ratios for grayfish, soupfin shark, sablefish, and \_\_\_\_\_ liver oils produced in the Pacific Northwest; Sept. 11.
- International \_\_\_\_\_ Treaty amendment proposed; Dec. 30.
- Pacific areas 1B and 2 closed on June 3; June 25.  
Pacific fishery regulations for 1949; May 26.  
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- Herring:  
Alaska:  
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- International meeting on \_\_\_\_\_ and allied species; Sept. 47, Dec. 21.
- sea herring, Atlantic Coast pack, 1948; July 28.  
Stonington (Conn.) fishery; Mar. 29.
- Lake trout, Lake Michigan fish scarred by lampreys; Aug. 19.

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- Lobsters:  
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truck, new, for transportation of; May 25.
- Lobster, Spiny:  
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- Mackerel, canned U. S. pack, 1948; June 29.
- Menhaden:  
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- Virginia:  
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fishery; June 32.  
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- Mollusks:  
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- Mussel:  
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- North Atlantic resources:  
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part II - observations on the biology and the methods of collecting and processing the mussel; Oct. 8.  
part III - development of the fishery and the possible need for conservation measures; Nov. 3.
- Oyster:  
Alabama harvesting halted; June 28.  
canned labeling requirements, proposed changes; Nov. 69, Dec. 56.  
canned U. S. pack, 1948; May 30.  
Chesapeake Bay shortage; Mar. 31.  
fishery; May 22.  
Gulf investigations; Aug. 19.  
Japanese methods of oyster culture; Aug. 1.  
Louisiana and Mississippi survey; Feb. 27.  
marine and \_\_\_\_\_ products, U. S. production, 1948; July 31.  
Netherlands sends \_\_\_\_\_ to U. S. for experimental purposes; Dec. 20.  
New Jersey industry; Apr. 28.  
Olympia \_\_\_\_\_ larvae grown by biologists; June 22.  
pH data on Pacific oysters; Nov. 1.
- Pilchard (see SARDINES)
- Poisonous Fish:  
Trust Territory research program includes sponges and poisonous fish; July 24.
- Red Snapper fishery; May 22.
- Rockfish:  
fillets, whole and split, storage life of; July 1.
- Rosefish:  
fillets:  
imports of groundfish (including rosefish) in 1948; Feb. 27.  
fishing at night; May 25.
- Maine's landings; Apr. 25.  
tariff-rate quota (1949) of groundfish, including rosefish, fillets; Feb. 67.
- Sablefish:  
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- Salmon:  
Alaska fishery; June 32.  
Atlantic, reestablishing stocks in the St. Croix River; May 21.  
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International Pacific Salmon Fisheries Commission, U. S. member appointed to; Aug. 49. sockeye regulations for 1949; Apr. 32. troll fishery; Dec. 27.

## Sardines:

California:  
canned pack, 1948; July 26.  
electric lamp for pilchard-seine fishery; Dec. 35.  
fishery research on West Coast; Dec. 29.  
Pacific Coast two-year survey; Apr. 29.  
reduction quota changed; Sept. 15.  
reduction use limited; Aug. 23.  
spawning area discovered off Central California; Nov. 25.

film takes honors in international exhibition; Dec. 31.

Maine, pack, 1948; July 27.

## Sea Lampreys:

Great Lakes fisheries; Dec. 19.  
Great Lakes sea lampreys continue to increase; Nov. 37.

Indiana streams; July 23.

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Lake Michigan lake trout scarred by \_\_\_\_; Aug. 19.  
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## Seal(s), Fur:

Pribilof Island take, 1949; Oct. 33.  
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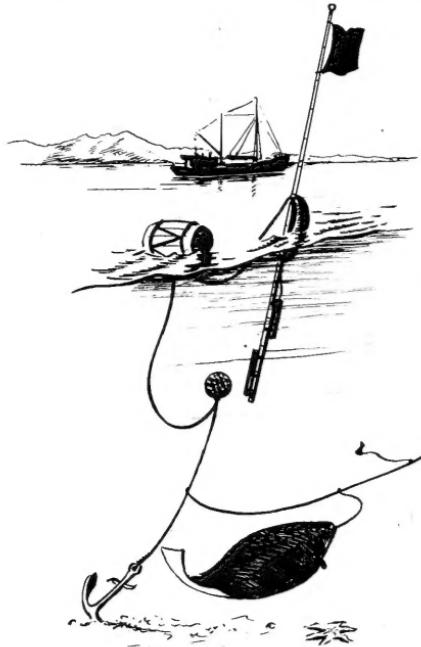
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Editorial Assistant--Ruth V. Keefe

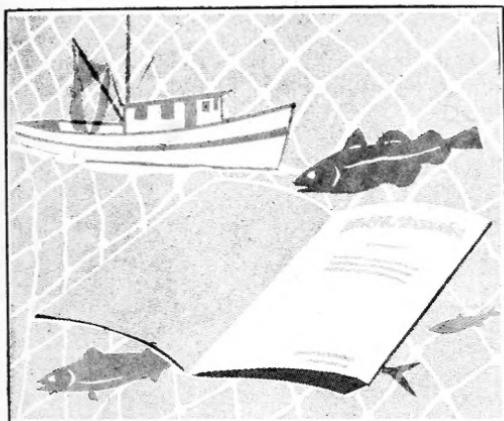
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## FISHERY STATISTICAL PUBLICATIONS

Fishery Leaflet 432, Fishery Statistical Publications of the Fish and Wildlife Service, has been published to acquaint persons interested in the fishing industry with the Statistical and Market News publications released by U. S. Fish and Wildlife Service. This leaflet shows the titles of the various reports, a brief description of the information contained in each publication, and the frequency with which it is released.



To operate efficiently, an industry must have readily available accurate current information concerning its operations. Data on production prices, sales, stocks, and related information provide a measure of whether an industry is in a healthy or an unhealthy condition. Review of an industry's statistics indicates trends which assist members in arranging their

activities so as to take advantage of changing business conditions. Statistics supply government with the information it requires in peacetime to assist in protecting and developing industry, and in periods of national emergencies they are the foundation on which a government marshalls its strength.

The fishing industry and the governmental agencies concerned with the fisheries are particularly dependent upon statistical information for several reasons. The industry is widely scattered, extending over thousands of miles of coastline and in the waters of the interior. A large portion of the catch is taken by small independent fishermen, and much of it is sold through small dealers who have little contact with other segments of the fishing business. With over 200 species of fish and shellfish taken commercially and with the numerous manufactured products prepared from these various species, it is impossible for any person or agency to follow trends in the fisheries without adequate statistical data.

In order to supply these data, the Fish and Wildlife Service conducts statistical surveys of the fisheries, and assembles information collected by State fishery departments and other local, state, and Federal agencies. Information is obtained on employment in the fisheries, the volume and value of the catch, production of manufactured fishery products, freezings and cold-storage holdings, foreign trade statistics, and related information on a monthly and annual basis. Daily and weekly data relating to market conditions are also collected in the more important marketing or producing centers. The data collected in these various ways are published in a large number of statistical bulletins, Fishery Market News reports, and other publications. The most complete annual data are published in the Statistical Digests.

Copies of Fishery Leaflet 432 are available free from the Division of Information, U. S. Fish and Wildlife Service, Washington 25, D. C.

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## PUBLICATION CATALOGUES UNITED STATES FISHERY PUBLICATIONS

If it pertains to commercial fishing--if it has been printed by the Government--if the subject matter falls anywhere between "abaca," which is a fiber, and Zuiho Maru, which is a research vessel--and if the author's name should happen to be in that part of a bibliography beginning with "Abernethy, R. F." and ending with "Zobairi, R. A. K."--then it will be listed in the Fishery Publications Index 1920-1954, recently published by the U. S. Fish and Wildlife Service as Circular 36.

# Fishery Publication Index 1920-54

Circular 36  
Fish and Wildlife Service  
United States Department of the Interior

This new publication supplements "An Analytical Subject Bibliography of Publication of the Bureau of Fisheries, 1871-1920." This completes the indexing of all Government fishery publications from the time the Federal Government took official interest in commercial fishing in 1871 to and including the year 1954.

The new Index is in three parts--the Publications Series, the Author Index, and the Subject Index. The Subject Index lists several thousand things and conditions studied or observed by fishery scientists and technicians over the 34-year period. The topics touch almost every conceivable phase of the fishery business, from the control of fungus on pike

eggs to freezing fish, cooking shrimp, deep-sea trawling, and control of the sea lamprey. More than a thousand technical and scientific authors are listed with a cross-reference to their contributions to fishery research and services.

In the Publications Series will be found a listing of every article on fisheries printed by the Government since 1920, its title and a reference to the Series in which it appeared. The media listed in this section are: Administrative Reports, Circulars, Conservation Bulletins, Current Fishery Statistics, Documents, Economic Circulars, Fishery Bulletins, Fishery Circulars, Fishery Leaflets, Investigational Reports, Market Development Leaflets, Progressive Fish Culturist, Regulatory Announcements, Research Reports, Separates, Special Scientific Reports, Special Scientific Reports--Fisheries, Statistical Digests, and Test Kitchen Series.

Circular 36 is for sale by the Superintendent of Documents, United States Government Printing Office, Washington 25, D. C., for \$1.50 a copy.